

CASE NO.: 50T5549.01

Serial No.: 10/648,587

December 1, 2005

Page 6

PATENT

Filed: August 26, 2003

1-7. (canceled).

8. (previously presented) A module, comprising:

a module housing;

a GPS receiver in the module housing and receiving position information;

a wireless transceiver in the module housing and communicating with the GPS receiver for transmitting information received from the GPS receiver; and

one and only one reference oscillator in the housing providing mixing signals to the GPS receiver and the wireless transceiver, the GPS receiver and wireless transceiver not sharing any components other than the reference oscillator.

9. (previously presented) The module of Claim 8, wherein the wireless transceiver comprises a short-range wireless transceiver.

10. (previously presented) The module of Claim 8, further comprising a GPS antenna coupled to the GPS receiver;

a second antenna coupled to the wireless transceiver; and

a dual SAW filter package in the module, signals from both the GPS antenna and the second antenna being filtered through the SAW filter package.

11. (previously presented) The module of Claim 8, further comprising:

a GPS antenna coupled to the GPS receiver; and

1169-AR.AM1

CASE NO.: 50T3549.01

Serial No.: 10/648,587

December 1, 2005

Page 7

PATENT

Filed: August 26, 2003

a second antenna coupled to the wireless transceiver;

wherein the antennae are mounted on the module.

12. (previously presented) The module of Claim 8, further comprising a vehicle rear view mirror housing supporting the module.

13. (previously presented) The module of Claim 8, wherein the transceiver receives information from the GPS receiver and transmits the information to a component in a vehicle.

14. (currently amended) The module of Claim 8, wherein the ~~radiofrequency~~ wireless transceiver receives vehicle data from at least one vehicle sensor and transmits the vehicle data.

15. (previously presented) The module of Claim 13, wherein data is transmitted from the transceiver to a portable computing device selected from the group consisting of: a PDA, a wireless telephone, and a laptop computer.

16. (previously presented) A module, comprising:

- a module housing;
- a GPS receiver in the module housing and receiving position information;
- a wireless transceiver in the module housing and communicating with the GPS receiver for transmitting GPS information received from the GPS receiver;

1168-88.A.M1

CASE NO.: 50T5549.01
Serial No.: 10/648,587
December 1, 2005
Page 8

PATENT
Filed: August 26, 2003

a dual SAW filter package in the module, signals from both a GPS antenna and a second antenna being filtered through the SAW filter package; and

one and only one reference oscillator in the housing providing mixing signals to the GPS receiver and the wireless transceiver, the receiver and transceiver not sharing a mixer.

17. (canceled).

18. (original) The module of Claim 16, wherein the antennae are mounted on the module.

19. (original) The module of Claim 16, further comprising a vehicle rear view mirror housing supporting the module.

20. (previously presented) The module of Claim 16, wherein the wireless transceiver receives data from the GPS receiver and transmits the data to a component in a vehicle.

21. (previously presented) The module of Claim 16, wherein the wireless transceiver receives vehicle data from at least one vehicle sensor and transmits the vehicle data.

22. (previously presented) The module of Claim 20, wherein data is transmitted from the transmitter to a portable computing device selected from the group consisting of: a PDA, a wireless telephone, and a laptop computer.

1168-RR-AM1

CASE NO.: 50T5549.01
Serial No.: 10/648,587
December 1, 2005
Page 9

PATENT
Filed: August 26, 2003

23-25 (canceled).

26. (previously presented) A system for data transmission, comprising:

wireless transceiver means; and

means for sending GPS data from a GPS receiver to the transceiver means for transmission of the GPS data to at least one of: a vehicle onboard computer, and a portable computing device in a vehicle, at least for display of the GPS data, wherein the wireless transceiver means and the GPS receiver share a common oscillator and only the common oscillator.

27. (previously presented) The system of Claim 26, wherein the transceiver means comprises a wireless transceiver receiving vehicle diagnostic information and transmitting the diagnostic information to at least one of: the vehicle onboard computer, and the portable computing device.

28. (previously presented) The system of Claim 26, wherein the portable computing device is selected from the group consisting of: a PDA, a wireless telephone, and a laptop computer.

1163-M.AM1